

Abstract

Reagent Vial for Automated Processing Apparatus

5 The present invention provides a reagent vial designed for use with automated
processing devices. In one aspect, the present reagent vial comprises a container
portion configured to contain a volume of liquid reagent, and having an upper end and
a lower end. The upper end of the container portion is configured to provide access to
the contents of the container portion by a probe, typically of a type used by an
10 automated processing apparatus to withdraw the liquid reagent therein contained. The
lower end of the container portion is configured to provide a chamber aligned with the
probe access, and having a lesser cross sectional area than the main container portion.
The chamber is thus configured to contain a portion of the volume of liquid reagent of
the container to provide a means for reducing the residual volume of reagent which can
15 not be withdrawn from the vial by the probe. Other aspect of the invention include an
adapter for positioning the reagent vial, and a system employing the reagent vial and
the adapter in cooperation.